

State of Louisiana  
Department of Transportation and Development (DOTD)

Materials and Testing Section Qualification Procedure  
for  
Qualified Products List 6

**PREFORMED ELASTOMERIC COMPRESSION JOINT SEALS**

**MATERIAL SPECIFICATION REFERENCE:**

DOTD Standard Specifications, Supplemental Specifications and Special Provisions, Subsection 601.13, 805.12 and 1005.03

**PRELIMINARY REQUIREMENTS:**

Qualified Product Evaluation Form

The manufacturer shall submit a standard "Qualified Product Evaluation Form" to the DOTD Materials and Testing Section Coordinator listed below, along with a letter requesting evaluation for the Qualified Products List.

Product Data Sheets

Include product data sheets with all pertinent information relative to the product to be evaluated; including, but not limited to, manufacturer's specifications, drawings, typical analysis and a Materials Safety Data Sheet (MSDS).

Certification and/or Test Reports

Submit a certificate of analysis reporting actual test results of the material properties for each product submitted.

Sample (to be furnished at no cost to the Department)

Submit an 8-foot length sample of the product for evaluation. Joint seals submitted for approval shall include a sample of the adhesive lubricant recommended by the manufacturer. (Refer to Qualification Procedure for QPL 8, "Adhesive Lubricant for Preformed Elastomeric Seals.")

**TEST REQUIREMENTS:**

### Laboratory Testing

The qualification sample shall be tested in accordance with the applicable procedures shown in the attached Subsections 1005.03.

### Field Evaluation

The Department may require a field evaluation to ensure satisfactory installation and performance of the product prior to placement on the Qualified Products List. Seal characteristics checked will include the adhesion between the faces of the joint, ozone resistance, and the ability to reject incompressibles.

Evaluation Time

Laboratory testing - 2 weeks  
Field evaluation - 18 months

**GENERAL:**

Upon completion of the evaluation, the submitter will be notified in writing concerning the results of the evaluation and whether the product will or will not be added to the Qualified Products List. The Department reserves the right to reevaluate any product at any time.

**PROJECT ACCEPTANCE REQUIREMENTS:**

Qualification of a product is not blanket approval for its use. A sample shall be taken by Department personnel for each 6,000 linear feet of seal per lot, per size, per type. A Certificate of Analysis reporting actual test results of the material properties shall be required. Final acceptance of each lot or shipment is dependent upon test results which shall conform to the established specification requirements and which identify the sample as being representative of the product originally approved.

Lubricant adhesive supplied for use with the seal shall be sampled from the jobsite and tested for conformance to Standard Specifications, Subsection 1005.03.

**DISQUALIFICATION:**

Any product may be removed from the Qualified Products List for non-conformance with specifications or performance requirements. The Department must be notified in writing of any change in product formulation. Significant changes may require reevaluation of the product.

**REQUALIFICATION:**

A product which has been disqualified and removed from the Qualified Products List will be considered for reevaluation only after submission of a formal request along with acceptable evidence that the problems causing the disqualification have been resolved.

**DOTD MATERIALS AND TESTING SECTION COORDINATOR**

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